

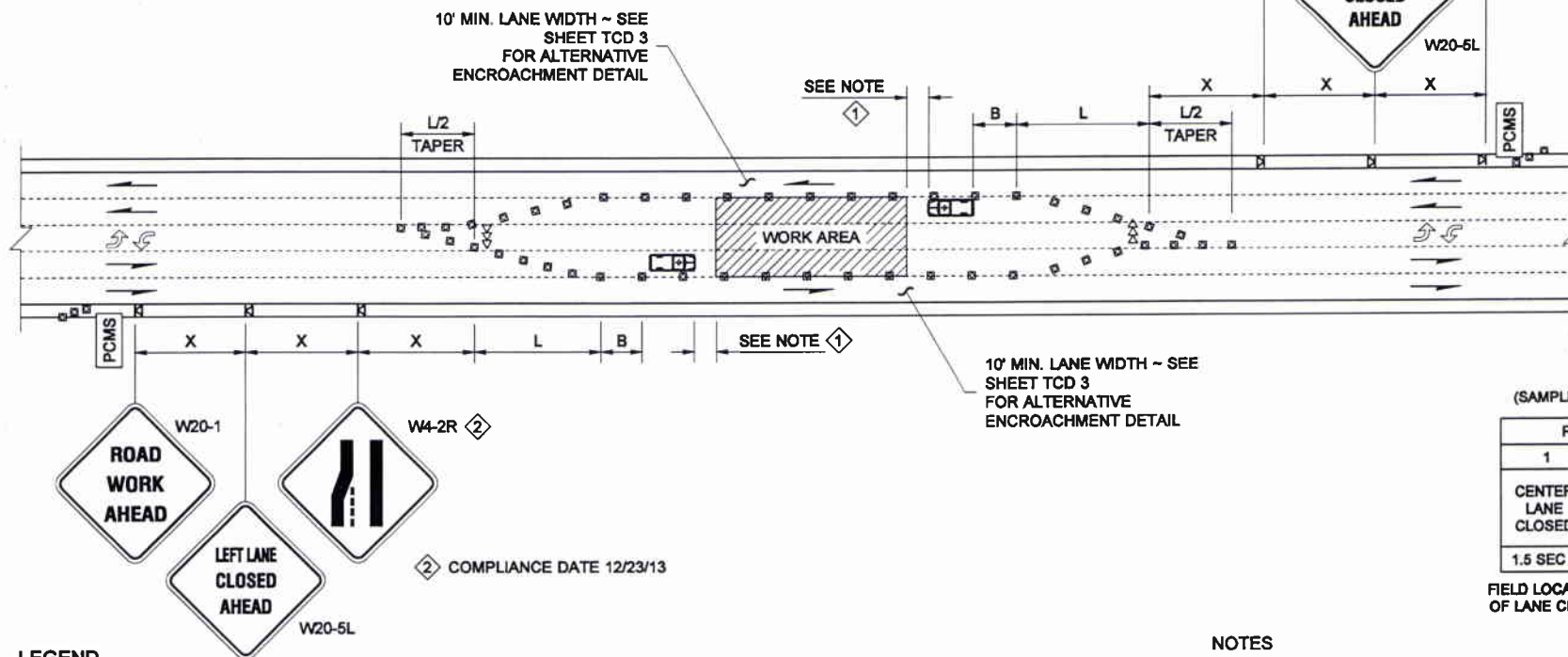
| BUFFER DATA | | | | | | | | | | |
|---|--|-----|-----|-----|-----|-----|-----------------------------|-----|-----|-----|
| LONGITUDINAL BUFFER SPACE = 8 | | | | | | | | | | |
| SPEED (MPH) | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 |
| LENGTH (feet) | 155 | 200 | 250 | 305 | 360 | 425 | 495 | 570 | 645 | 730 |
| PROTECTIVE VEHICLE WITH TMA ROLL AHEAD DISTANCE | | | | | | | | | | |
| TYPICAL PROTECTIVE VEHICLE TYPE WITH TMA | TYPICAL PROTECTIVE VEHICLE (WITH TMA) LOADED WEIGHT (LBS) | | | | | | STATIONARY OPERATION (feet) | | | |
| 4 YARD DUMP TRUCK, SERVICE TRUCK, FLAT BED, ETC. | MINIMUM WEIGHT 15,000 LBS. (MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATION) | | | | | | 30 MIN. 100 MAX. | | | |
| ROLL AHEAD STOPPING DISTANCE ASSUMES DRY PAVEMENT | | | | | | | | | | |
| ◆ A PROTECTIVE VEHICLE IS RECOMMENDED REGARDLESS IF A TMA IS AVAILABLE. IF NO TMA IS USED, THE PROTECTIVE VEHICLE SHALL BE STRATEGICALLY LOCATED IN THE FIELD TO SHIELD WORKERS AND NO ROLL AHEAD DISTANCE IS SPECIFIED. REFER TO CHAPTER 15.5 FOR ADDITIONAL INFORMATION | | | | | | | | | | |

| SIGN SPACING = X (FEET) | | |
|--|-------------|------|
| RURAL ROADS | 45 / 55 MPH | 500± |
| RURAL ROADS & URBAN ARTERIALS | 35 / 40 MPH | 350± |
| RURAL ROADS, URBAN ARTERIALS RESIDENTIAL & BUSINESS DISTRICTS | 25 / 30 MPH | 200± |
| ALL SIGNS ARE 48" x 48" BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED. | | |

All spacing may be adjusted to accommodate interchange ramps, at-grade intersections, and driveways.

| CHANNELIZING DEVICE SPACING (FEET) | | |
|------------------------------------|-------|---------|
| MPH | TAPER | TANGENT |
| 50 | 40 | 80 |
| 35 / 45 | 30 | 60 |
| 25 / 30 | 20 | 40 |

| MINIMUM TAPER LENGTH = L (feet) | | | | | | | | | | |
|---------------------------------|--------------------|-----|-----|-----|-----|-----|----|----|----|----|
| Lane Width (feet) | Posted Speed (mph) | | | | | | | | | |
| | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 |
| 10 | 105 | 150 | 205 | 270 | 450 | 500 | - | - | - | - |
| 11 | 115 | 165 | 225 | 295 | 495 | 550 | - | - | - | - |
| 12 | 125 | 180 | 245 | 320 | 540 | 600 | - | - | - | - |



| | |
|-------|----------------------------------|
| ⚠ | SIGN LOCATION |
| ➡➡➡ | ARROW PANEL |
| ■ ■ ■ | CHANNELIZING DEVICES |
| 🚚 | PROTECTIVE VEHICLE - RECOMMENDED |
| PCMS | PORTABLE CHANGEABLE MESSAGE SIGN |

(SAMPLE MESSAGE)

| PCMS | |
|--------------------|-----------------|
| 1 | 2 |
| CENTER LANE CLOSED | NO LEFT TURNING |
| 1.5 SEC | 1.5 SEC |

FIELD LOCATE IN ADVANCE OF LANE CLOSURE TAPER.

NOTES

1. Protective vehicle recommended - may be a work vehicle.
2. Contact region traffic office for work hour restrictions.
3. PCMS recommended.